



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

Kolpak
2915 Tennessee Avenue North
P. O. Box 550
Parsons, TN, 38363

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Walk-In Cooler / Freezer

APPROVAL DOCUMENT: Drawing No. B211-317, titled "Walk-In Cooler / Freezer", sheets 1 through 6 of 6, prepared by Kolpak, dated February 04, 2011, signed and sealed by Alexis Spyrou, P.E., on May 16, 2012, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises & renews** NOA # 07-0205.03 and consists of this page 1, evidence submitted pages E-1, E-2, E-3, & E-4 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
05/31/2012

NOA No 11-1102.02
Expiration Date: 05/31/2017
Approval Date: 05/31/2012

Kolpak

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 97-1215.03

A. DRAWINGS

1. *Drawing No. 96-260, titled "Walk-in Cooler/Freezer", prepared by Knezevich & Associates, Inc., dated 12/12/97, last revision #1 dated 07/31/98, sheets 1 through 6 of 6, signed and sealed by V. J. Knezevich, P.E.*

B. TESTS

1. *Test report on 24 Hour Live Load Test, Large Missile Impact Test, Cyclic Load Test and Uniform Static air Pressure Test, Axial Load Test, and Racking load Test on Metal Sheathed Urethane Foam Filled Modular Panel Walk-in Coolers / Freezers, prepared by Construction Testing Corporation, Report No. 97-010, dated 12/12/97, signed and sealed by Christopher G. Tyson, P.E., and Yamil Kuri, P.E.*

C. CALCULATIONS

1. *Calculation titled "Walk-in Cooler / Freezer", dated 12/12/97, pages 1 through 15 of 15, prepared by Knezevich & Associates, Inc., signed and sealed by V. J. Knezevich, P.E.*
2. *Calculation titled "Kolpak Walk-in Cooler", dated 07/29/98, 3 pages, prepared by Knezevich & Associates, Inc., signed and sealed by V. J. Knezevich, P.E.*

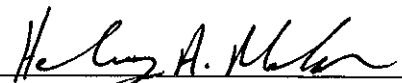
D. MATERIAL CERTIFICATIONS

1. *Mill Certified Test Report issued by GalvTech, dated 03/10/97, with the Chemical analysis and Mechanical Properties for 22 gauge (0.0296") G-90 Steel conforming to ASTM A-653.*
2. *Mill Certified Test Report issued by Alumax Mill Products, dated 09/18/97, with the Chemical composition and Mechanical Properties for 0.032" thick White Embossed 3105-H154 Aluminum Alloy.*
3. *Mill Certified Test Report issued by Alumax Mill Products, dated 09/04/97, with the Chemical composition and Mechanical Properties for 0.040" thick Smooth White 3105-H14 Aluminum Alloy.*
4. *Tensile Test Report No. CTL #756C, prepared by Certified Testing Laboratories, dated 10/28/97, signed and sealed by Ramesh Patel, P.E.*
5. *Tensile Test Report No. CTL #614C, prepared by Certified Testing Laboratories, dated 09/04/97, signed and sealed by Ramesh Patel, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 01-1017.03

A. DRAWINGS

See NOA 97-1215.03



Helmy A. Makar, P.E., M.S.
PERA, Product Control Unit Supervisor
NOA No 11-1102.02
Expiration Date: 05/31/2017
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS

See NOA 97-1215.03

C. CALCULATIONS

See NOA 97-1215.03

D. MATERIAL CERTIFICATIONS

See NOA 97-1215.03

E. STATEMENTS

1. See NOA 97-1215.03
2. Letter from KMT Refrigeration, Inc, dated 7/10/01, stating that the product has not changed since it was originally approved.

F. OTHER

NOA 97-1215.03

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 03-0515.05

A. DRAWINGS

1. *Drawing No. 01-375, titled "Walk-In Cooler / Freezer", sheets 1 through 6 of 6, prepared by Knezevich and Associates, Inc., signed and sealed by V. J. Knezevich, P.E., dated June 18, 2001, last revision #1 dated May 13, 2003.*

B. TESTS

1. *None.*

C. CALCULATIONS

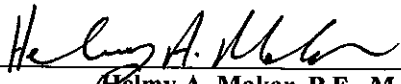
1. *Calculation titled "Walk-in Cooler / Freezer", dated 05/13/03, 5 pages, prepared by Knezevich & Associates, Inc., signed and sealed by V. J. Knezevich, P.E.*

D. MATERIAL CERTIFICATIONS

1. *None.*

E. STATEMENTS

1. *Letter issued by Mr. Knezevich & Associates, Inc., dated May 22, 2003, signed and sealed by V.J. Knezevich, P.E., stating that the only change is update the General Notes to reference the Florida Building Code and ASCE 7-98.*
2. *Letter by Loren Rasmusson requesting to renew Approval No. 01-1017.03 and stating that the drawings are revised to reflect the current code requirements.*


Helmy A. Makar, P.E., M.S.
PERA, Product Control Unit Supervisor
NOA No 11-1102.02
Expiration Date: 05/31/2017
Approval Date: 05/31/2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 07-0205.03

A. DRAWINGS

1. *Drawing No. 06-496, titled "Walk-In Cooler / Freezer", sheets 1 through 6 of 6, prepared by Thornton Tomasetti, dated January 26, 2007, last revision #1 dated July 11, 2007, signed and sealed by J. W. Knezevich, P.E.*

B. TESTS

1. *Test report on Uniform Static air Pressure Test and Racking load Test on Galvanized Steel Sheathed Polyurethane Foam Filled Modular Panels for Walk-in Coolers / Freezers, prepared by Construction Testing Corporation, Report No. 06-036-Fe, dated 01/15/2007, signed and sealed by Yamil G. Kuri, P.E.*
2. *Test report on Racking loads on Galvanized Steel Sheathed Polyurethane Foam Filled Modular Panels for Walk-in Coolers / Freezers, prepared by Construction Testing Corporation, Report No. 06-036-A1, dated 01/15/2007, signed and sealed by Yamil G. Kuri, P.E.*

C. CALCULATIONS

1. *Calculation titled "Walk-in Cooler / Freezer Calculations", dated January 26, 2007, pages 1 through 35 of 35, prepared by Thornton Tomasetti, signed and sealed by J. W. Knezevich, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *Mill Certified Test Report issued by Alcoa Mill Products, dated 11/08/2006 with the Chemical composition and Mechanical Properties for 0.032" thick 3105-H154 Aluminum Alloy.*
2. *Mill Certified Test Report issued by Alcoa Mill Products, dated 08/21/2006 with the Chemical composition and Mechanical Properties for 0.040" thick 3003-H154 Aluminum Alloy.*
3. *Mill Certified Test Report issued by The Techs, dated 01/23/2007 with the Chemical composition and Mechanical Properties for 0.036" thick G-90 Steel Coil per ASTM A-653.*
4. *Tensile Test Report No. QCM#7AM-42, prepared by QC Metallurgical, Inc., dated 01/16/2007, signed and sealed by Frank E. Grate Jr., P.E.*



Helmy A. Makar, P.E., M.S.
PERA, Product Control Unit Supervisor

NOA No 11-1102.02

Expiration Date: 05/31/2017

Approval Date: 05/31/2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. B211-317, titled "Walk-In Cooler / Freezer ", sheets 1 through 6 of 6, prepared by Kolpak, dated February 04, 2011, signed and sealed by Alexis Spyrou, P.E., on May 16, 2012.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculation titled "Walk-in Cooler / Freezer ", dated February 21, 2011, pages 1 through 53 of 53, prepared by Building Drops, signed and sealed by Alexis Spyrou, P.E., on September 24, 2011.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Permitting, Environment, and regulatory Affairs (PERA).*

E. MATERIAL CERTIFICATIONS

1. *None.*



Henry A. Makar, P.E., M.S.
PERA, Product Control Unit Supervisor
NOA No 11-1102.02
Expiration Date: 05/31/2017
Approval Date: 05/31/2012

GENERAL NOTES:

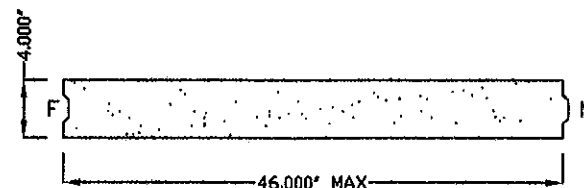
1. THESE STRUCTURAL PRODUCT EVALUATION DOCUMENTS REPRESENT A WALK-IN COOLER/FREEZER SYSTEM ANALYZED AND TESTED IN ACCORDANCE WITH THE PROVISION SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION. THESE DOCUMENTS COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PROVISIONS OF THE FLORIDA BUILDING CODE, 2010 EDITION (FBC).
2. FOR AREAS OUTSIDE OF THE HVHZ, SITE SPECIFIC ENGINEERING IS REQUIRED TO VERIFY THE SITE SPECIFIC DESIGN WIND LOADS AND PANEL TESTING COMPLY WITH THE TESTING REQUIREMENTS OF THE FBC 1715.3.1.
3. DESIGN LOADS:
A) ROOF:
DEAD LOAD: PANEL TYPE 1 3.16 PSF
PANEL TYPE 2 4.25 PSF
LIVE LOAD 30.0 PSF
MAXIMUM WEIGHT OF MECHANICAL UNIT IS 330 LB PER CONDENSING UNIT.
SPACE UNITS AT LEAST 4'-0" O.C.
B) WALLS:
DEAD LOAD: PANEL TYPE 1 1.55 PSF
PANEL TYPE 2 3.40 PSF
C) FLOOR:
DEAD LOAD: FLOOR PANEL 5.00 PSF
LIVE LOAD: INSULATED FLOOR 250.00 PSF
"FLOORLESS" 250.00 PSF
D) WIND LOADS SHALL BE DETERMINED IN ACCORDANCE WITH ASCE 7-10 BASED ON THE SITE SPECIFIC CONDITIONS. SEE TABLE 3 ON SHEET 2 FOR ALLOWABLE WIND LOADS USED IN THE DESIGN OF THESE DOCUMENTS.
4. THESE PRODUCT EVALUATION DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS WALK-IN COOLER/FREEZER SYSTEM. THEY ADDRESS THE STRUCTURAL MATERIAL PROPERTIES OF THE WALK-IN COOLER/FREEZER SYSTEM.
5. THESE PRODUCT EVALUATION DOCUMENTS SHALL NOT BE APPLIED BY THE CONTRACTOR, ON A SPECIFIC SITE WITHOUT THE INVOLVEMENT OF AN ARCHITECT OR ENGINEER OF RECORD.
A) THE ARCHITECT/ENGINEER RECORD SHALL VERIFY THE SITE SPECIFIC WIND LOAD REQUIREMENTS ARE WITHIN THE CRITERIA USED TO DEVELOP THESE DOCUMENTS.
B) THE ARCHITECT/ENGINEER RECORD SHALL VERIFY THE FOUNDATION DESIGN IS ADEQUATE TO RESIST THE FOUNDATION LOADS IDENTIFIED IN TABLE 1.
C) THE ARCHITECT/ENGINEER RECORD SHALL VERIFY THE EXISTING BUILDING IS ADEQUATE TO RESIST THE SUPERIMPOSED LOADS IDENTIFIED IN TABLE 1.
6. THESE PRODUCT EVALUATION DOCUMENTS COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
7. ANY MODIFICATIONS OR ADDITIONS TO THESE PRODUCT EVALUATION DOCUMENTS WILL VOID THE PRODUCT EVALUATION DOCUMENTS.
8. WHEN THE SITE CONDITIONS DEViate FROM THESE PRODUCT EVALUATION DOCUMENTS, THE BUILDING OFFICIAL MAY:
A) REQUIRE THAT THE SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED, AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION. SAID DOCUMENTS SHALL BE SUBMITTED TO THE PRODUCT ENGINEER FOR A REVIEW AS A CONDITION TO THE BUILDING OFFICIAL GRANTING HIS/HER APPROVAL.
B) REQUIRE THAT A ONE TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL SECTION.
9. WHEN THE SITE CONDITION DEVIATIONS OCCUR WITHIN THE HVHZ AREAS ONLY OPTION "B", ABOVE, SHALL BE ACCEPTED BY THE BUILDING OFFICIAL.
10. ALL BOLTS AND SCREWS SHALL BE 2024-T4 ALUMINUM ALLOY, ELECTRO-GALVANIZED STEEL, HOT DIPPED GALVANIZED STEEL OR 300 SERIES STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI.
11. ALL CONCRETE ANCHORS SHALL BE AS SPECIFIED ON THE DRAWINGS. EMBEDMENT LENGTHS NOTED ON THE DRAWINGS SHALL NOT INCLUDE FINISH MATERIAL.
12. DISSIMILAR METALS IN CONTACT WITH EACH OTHER SHALL BE PROTECTED IN ACCORDANCE WITH THE FBC CHAPTER 20, SECTION 2003.8.4.
13. AN ALLOWABLE STRESS INCREASE IS NOT USED IN THE DESIGN OF THE COOLER/FREEZER UNIT NOR ITS ATTACHMENTS.

RIGID URETHANE FOAM SANDWICH PANELS SPECIFICATIONS:

1. WALL AND ROOF COMPOSITE SANDWICH PANELS ARE COMPRISED OF ALUMINUM OR STEEL FACINGS WITH POURED URETHANE PLASTIC CORES. THICKNESS AND MATERIAL OF FACINGS SHALL BE AS SHOWN ON THE DRAWINGS.
2. ALUMINUM FACINGS SHALL BE 3105-H154 ALLOY UNPAINTED FOR INTERIOR AND EXTERIOR USE.
3. STEEL FACINGS FOR WALL AND ROOF PANELS SHALL COMPLY WITH ONE OF THE FOLLOWING:
- ASTM A653 CS, TYPE B WITH A MINIMUM F_y 45 KSI, MINIMUM THICKNESS OF 0.035" AND G90 COATING.
- ASTM A653 SQ, GRADE 50, CLASS 1, WITH A MINIMUM THICKNESS OF 0.035" AND G90 COATING.
4. STEEL FACINGS USED ON FLOOR PANELS SHALL BE SQ, GRADE 33 WITH A MINIMUM THICKNESS OF 0.019" AND A G90 COATING FOR EXTERIOR USE.
5. MINIMUM DENSITY OF URETHANE PANEL CORE SHALL BE 2.2 PCF.
6. URETHANE FOAM CORE SHALL HAVE A FLAME SPREAD RATING OF NOT MORE THAN 75 AND SHALL HAVE A SMOKE-DEVELOPED RATING OF NOT MORE THAN 450 IN ACCORDANCE WITH FBC 2603.3.
7. METAL FACINGS SHALL BE ADHERED TO FOAM WITH AN AIR SPRAY COATING OF FORBD ADHESIVE AT A RATE OF 2.73 FLUID OUNCES PER SQUARE FOOT.
8. FOR SPECIFIC REQUIREMENTS OF WALK-IN COOLERS SEE FBC 2612.3.2.2.1

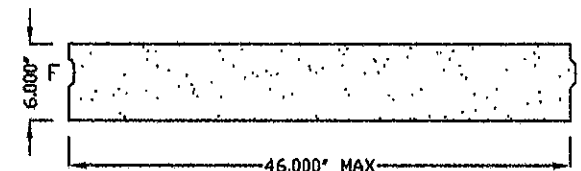
WALK-IN COOLER COMPONENTS DESCRIPTION:

1. ROOF PANEL:
TYPE 1 = COMPOSITE SANDWICH PANEL CONSISTING OF ONE (TOP) 20 GA. (T=0.034" MINIMUM) GALVANIZED STEEL AND ONE (BOTTOM) .040" MINIMUM ALUMINUM FACINGS FILLED WITH 2.2 PCF URETHANE FOAM.
TYPE 2 = COMPOSITE SANDWICH PANEL CONSISTING OF TWO (TOP AND BOTTOM) 20 GA. (T=0.035" MINIMUM) GALVANIZED STEEL FACINGS FILLED WITH 2.2 PCF URETHANE FOAM.
2. WALL PANEL:
TYPE 1 = COMPOSITE SANDWICH PANEL CONSISTING OF TWO (EXTERIOR AND INTERIOR) 0.040" MINIMUM ALUMINUM FACINGS FILLED WITH 2.2 PCF URETHANE FOAM.
TYPE 2 = COMPOSITE SANDWICH PANEL CONSISTING OF TWO (EXTERIOR AND INTERIOR) 20 GA. (T=0.035" MINIMUM) GALVANIZED STEEL FACINGS FILLED WITH 2.2 PCF URETHANE FOAM.
3. FLOOR PANEL:
COMPOSITE SANDWICH PANEL CONSISTING OF ONE (TOP) 14 GA. (T=0.076" MINIMUM) GALVANIZED STEEL, 16 GA (T=0.061" MINIMUM) 304 STAINLESS STEEL OR 0.100" ALUMINUM AND ONE (BOTTOM) 26 GA. (T=0.019" MINIMUM) GALVANIZED STEEL FACINGS FILLED WITH 2.2 PCF URETHANE FOAM.



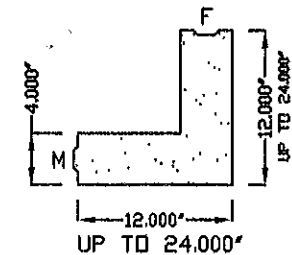
(SEE WALK-IN COOLER COMPONENTS DESCRIPTION NOTE 2)

WP WALL PANEL
N.T.S.



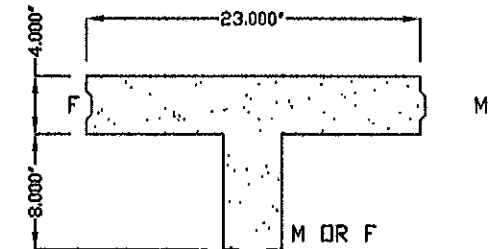
(SEE WALK-IN COOLER COMPONENTS DESCRIPTION NOTE 1)

RP ROOF PANEL
N.T.S.



(SEE WALK-IN COOLER COMPONENTS DESCRIPTION NOTE 2)

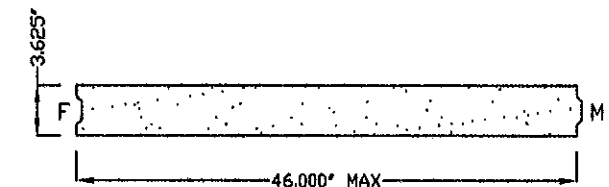
WC WALL PANEL (CORNER SECTION)
N.T.S.



(SEE WALK-IN COOLER COMPONENTS DESCRIPTION NOTE 2)

WT WALL PANEL (TEE SECTION)
N.T.S.

NOTE: FOR CORNER AND TEES, POST-LOCK FASTENERS SHALL BE 6" FROM CORNERS AND 11 1/2" MAX. O.C. FROM ADJACENT PANELS.



(SEE WALK-IN COOLER COMPONENTS DESCRIPTION NOTE 3)

FP FLOOR PANEL
N.T.S.

PRODUCT REVISED
as complying with the Florida
Building Code

Acceptance No 11-1102-02
Expiration Date 05/31/2019

By *He Long A. M. D.*
Miami Dade Product Control

Alexis Syrou, P.E.
Florida PE# 08101
187 W. FAIRBANKS AVE., STE. 438
WINTER PARK, FL 32789
FPE CERT. OF AUTHORIZATION NO. 89978

SYM

REVISION

DRAWING NO. B211-317

Kolpak

2915 TENNESSEE AVENUE NORTH
P.O. BOX 550
PARSONS, TN. 38363
(731) 847-6361

DRAWN: JTM

CHECKED: TGH

DATE: 2/4/2011

CUSTOMER: MANITOWOC FOOD SERVICE

PROJECT: FLORIDA HVHZ 2011

SCALE: N.T.S.

SHEET: 1 OF 6

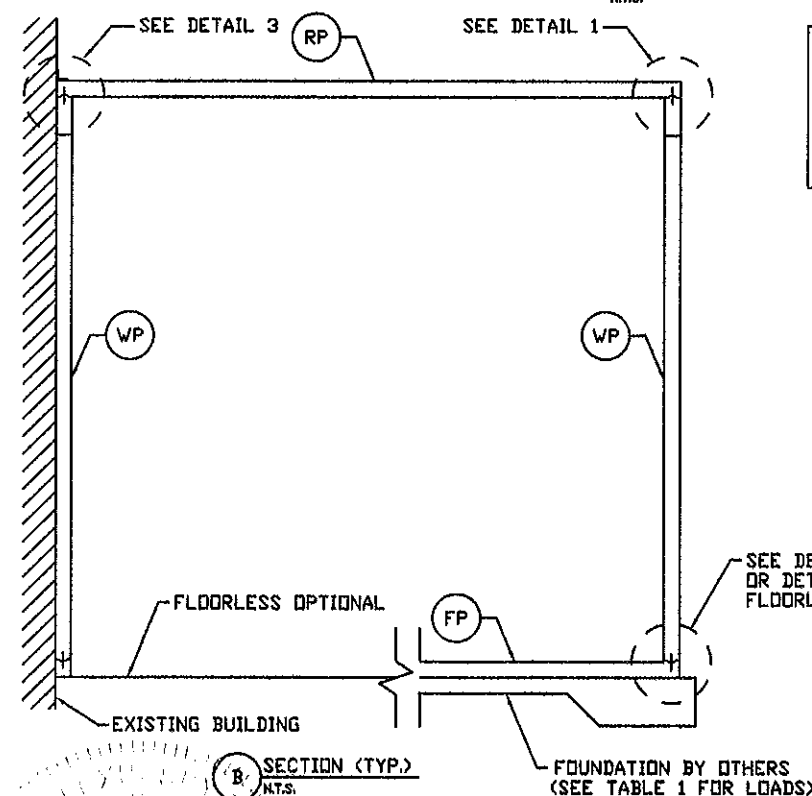
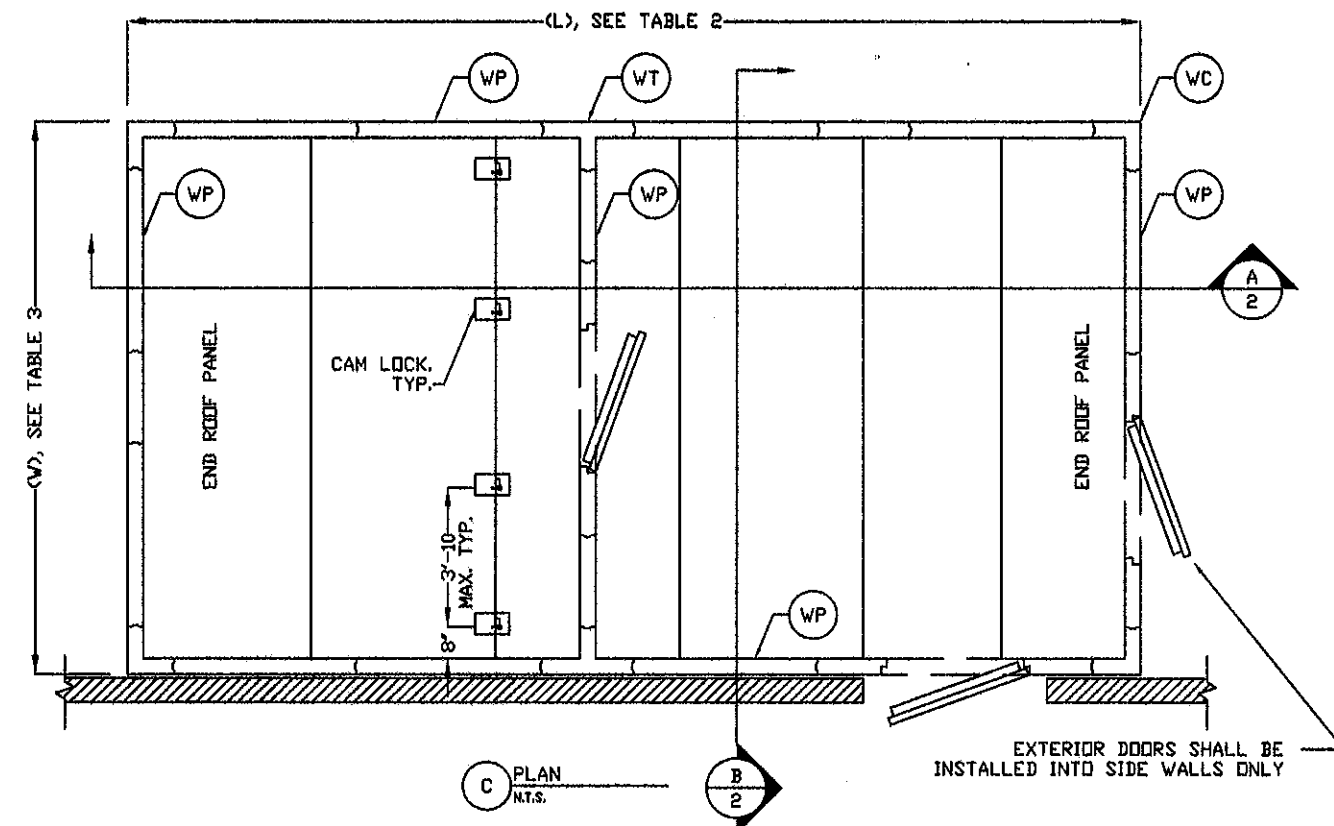
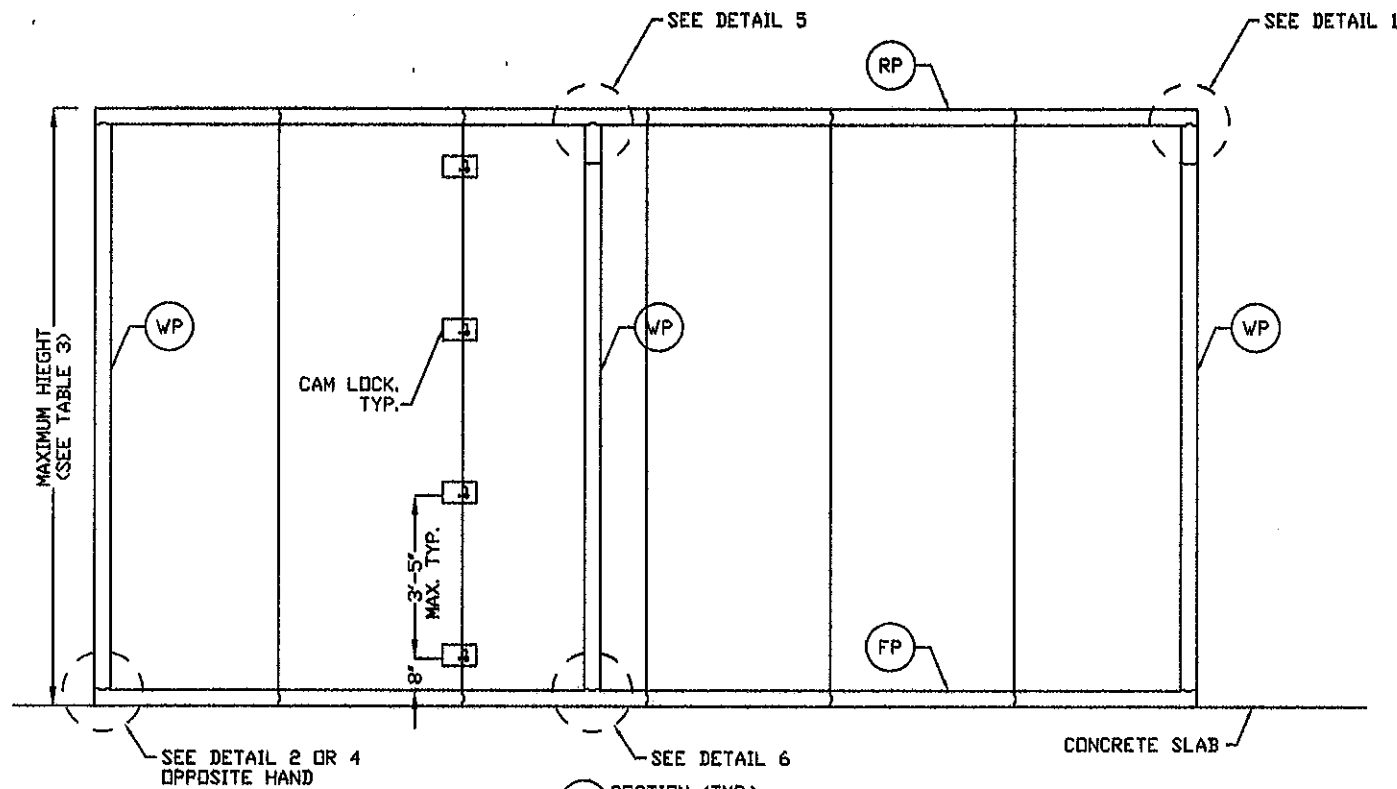


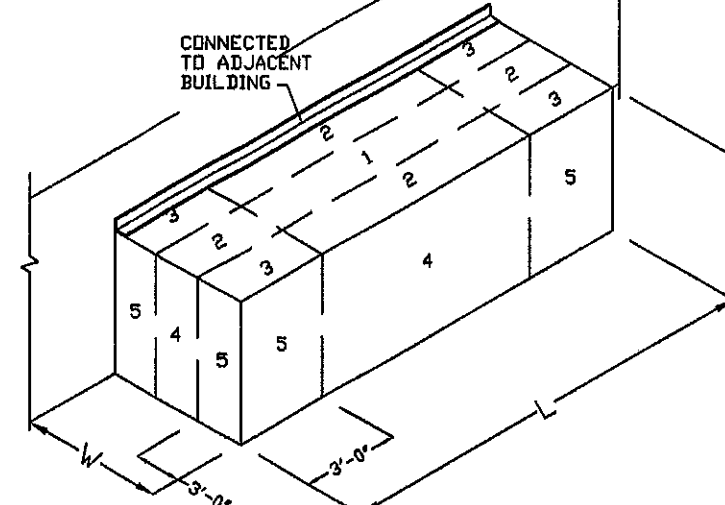
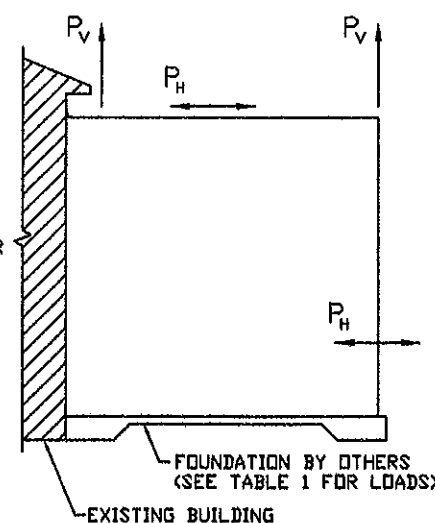
TABLE 1 LOADS FOR FOUNDATION DESIGN	UNFACTORED WIND UPLIFT (P_v) AND SHEAR (P_h) FORCES
P_v	± 850 #/FT
P_h	± 230 #/FT

TABLE 2 UNIT WIDTH (W) FT-IN	MINIMUM NUMBER OF 46\"/>
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TABLE 3	ALLOWABLE WIND LOADS (PSF)							
	ROOF PANEL (W) TYPE 1 MAX LENGTH 11'-7"			ROOF PANEL (W) TYPE 2 MAX. LENGTH 13'-6"			WALL PANEL (H) TYPE 1 & 2 MAX. HEIGHT 9'-8 1/4"	
	1	2	3	1	2	3	4	5
NEGATIVE	-44.0	-60.7	-75.5	-43.5	-57.0	-66.3	-43.5	-51.5
POSITIVE	+16.4			+15.9			+39.9	

ALLOWABLE WIND LOAD NOTES:

1. LOADS SHOWN REPRESENT WIND LOADS USED IN THE DESIGN OF THE UNIT.
2. SITE SPECIFIC WIND LOADS SHALL BE LESS THAN OR EQUAL TO THESE LOADS. SEE SHEET 1, GENERAL NOTE 5A.
3. ALLOWABLE WIND LOADS ARE BASED ON A FACTOR OF SAFETY OF 1.5 FOR PANEL WALLS AND 2.0 FOR ROOF PANELS IN ACCORDANCE WITH THE HVHZ PROVISIONS OF THE FBC.



(SEE TABLE 2 FOR WIDTH/LENGTH LIMITATIONS)

E ISOMETRIC WITH WIND ZONES
N.T.S.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-1102.02
Expiration Date 05/31/2017
By *[Signature]*
Miami Dade Product Control

Alexis Spryrou, P.E.
Florida P.E. 06101
187 W. FAIRBANKS AVE., STE. 430
WINTER PARK, FL 32789
FBC CERT. OF AUTHORIZATION NO. 29076

SYM	REVISION

DRAWING NO. B211-317

Kolpak

2015 TENNESSEE AVENUE NORTH
P.O. BOX 550
PARSONS, TN, 38363
(731) 847-6361

DRAWN: JTM

CUSTOMER: MANITOWOC FOOD SERVICE

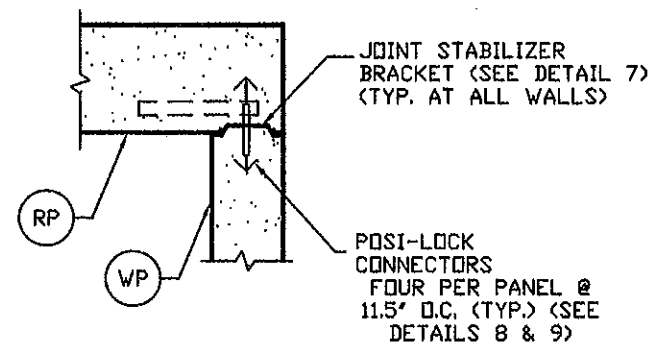
CHECKED: TGH

PROJECT: FLORIDA HVHZ 2011

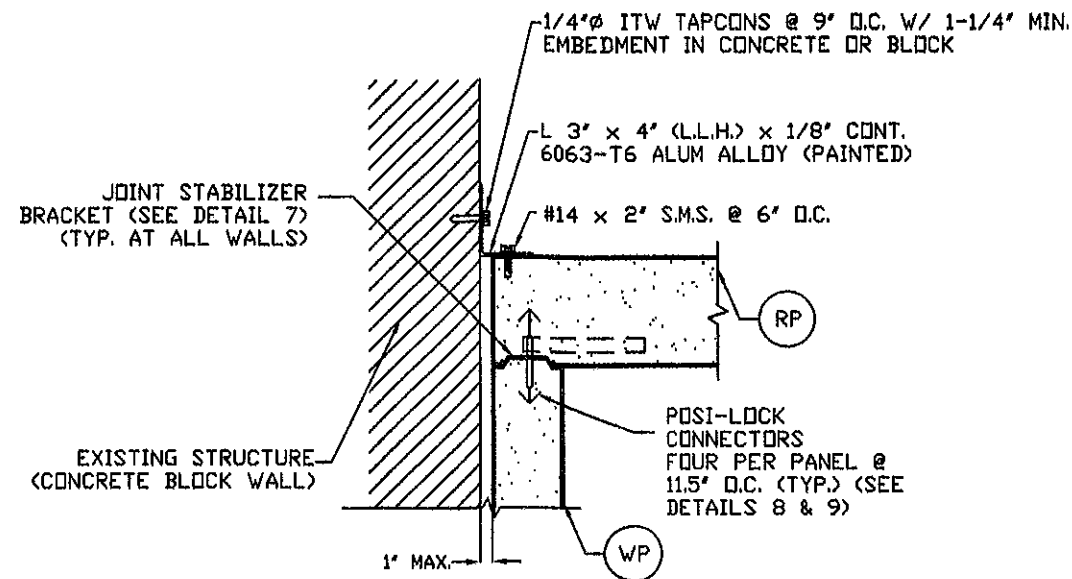
DATE: 2/4/2011

SCALE: N.T.S.

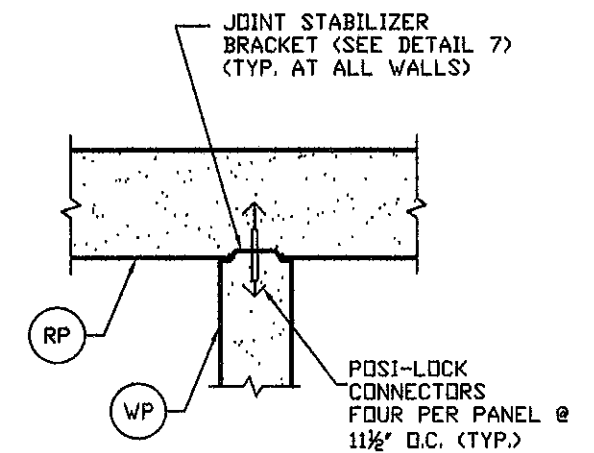
SHEET: 2 OF 6



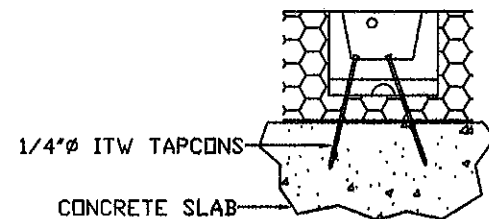
DETAIL 1
N.T.S.



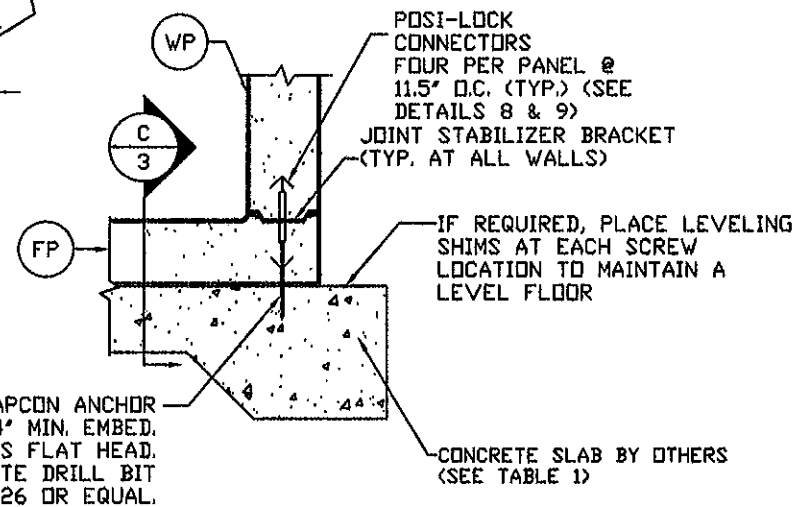
DETAIL 3
N.T.S.



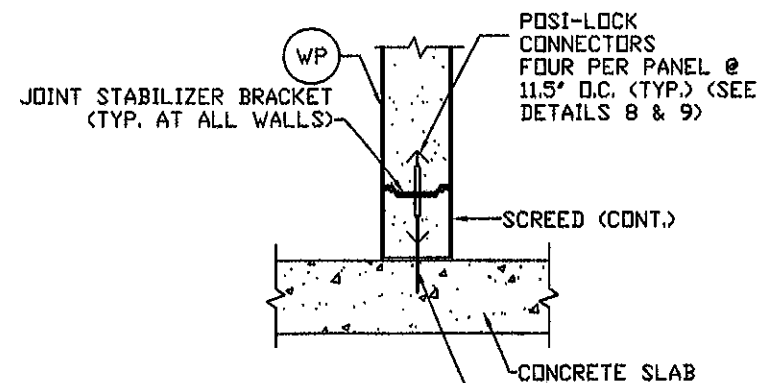
DETAIL 5
N.T.S.



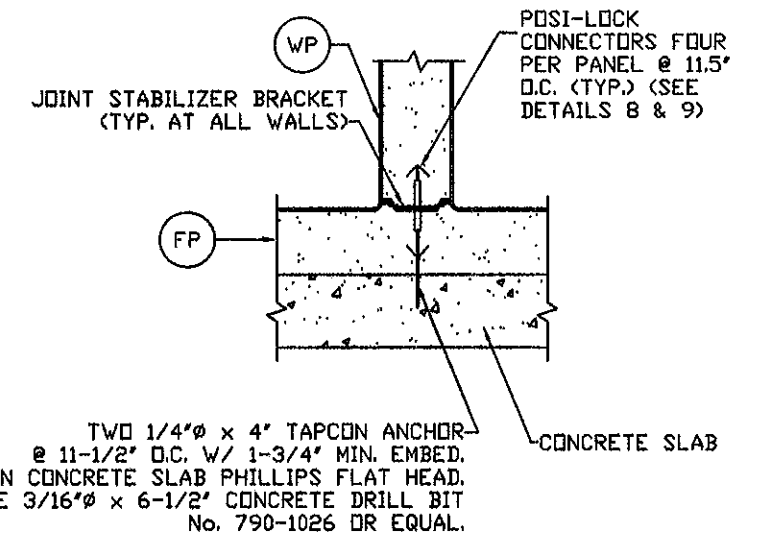
SECTION C
N.T.S.



DETAIL 2
N.T.S.



DETAIL 4
N.T.S.



DETAIL 6
N.T.S.

TWO 1/4" x 4" TAPCON ANCHOR @ 11-1/2' O.C. W/ 1-3/4" MIN. EMBED. IN CONCRETE SLAB PHILLIPS FLAT HEAD. USE 3/16" x 6-1/2" CONCRETE DRILL BIT No. 790-1026 OR EQUAL.

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as complying with the Florida
Building Code
Acceptance No. 11-1102-02
Expiration Date 05/31/2017
By *Heather M. Mc*
Miami Dade Product Control

Alexis Spyrou, P.E.
Florida PE# 68101
187 W. PARKMAN AVE., STE. 438
WINTER PARK, FL 32789
FPE CERT. OF AUTHORIZATION NO. 89578

SYM	REVISION

DRAWING NO. B211-317

Kolpak

2915 TENNESSEE AVENUE NORTH
P.O. BOX 550
PARSONS, TN. 38363
(731) 847-8381

DRAWN: JTM

CHECKED: TGH

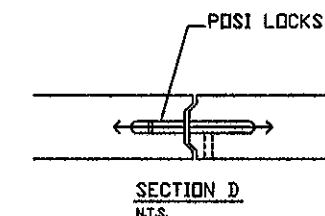
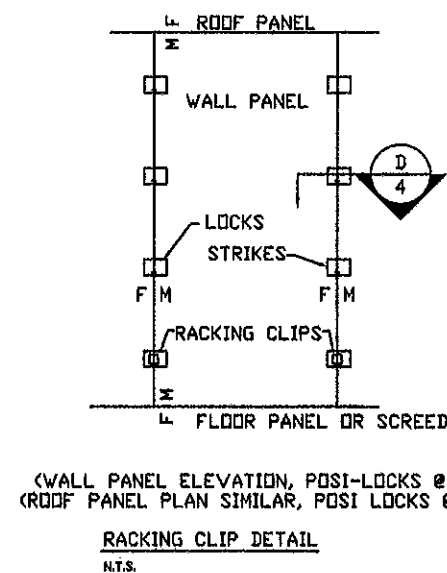
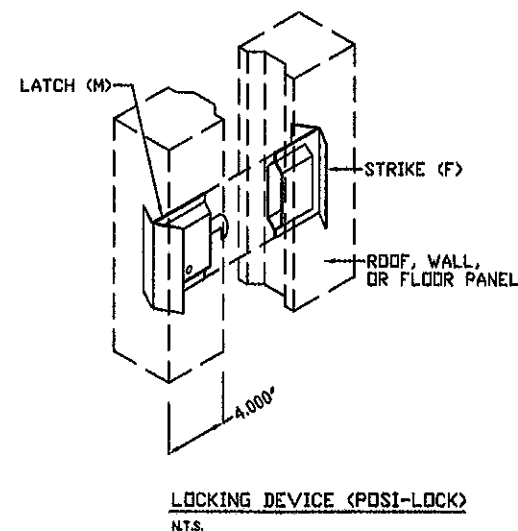
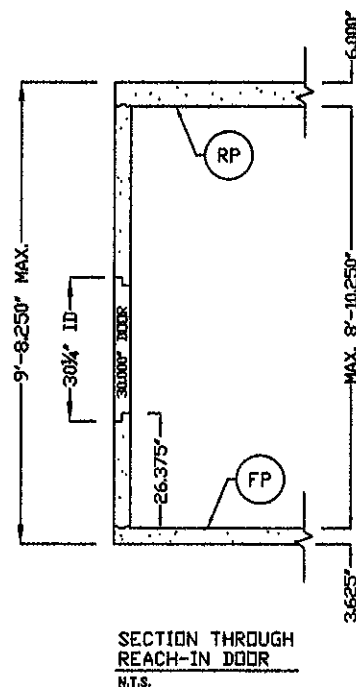
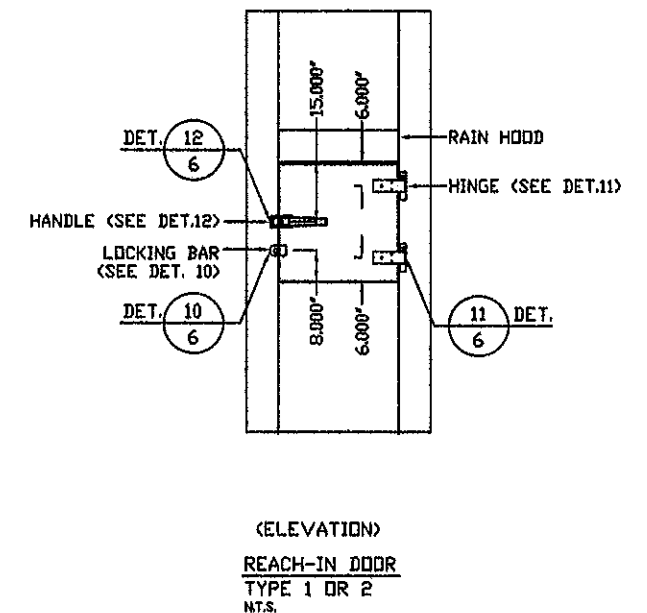
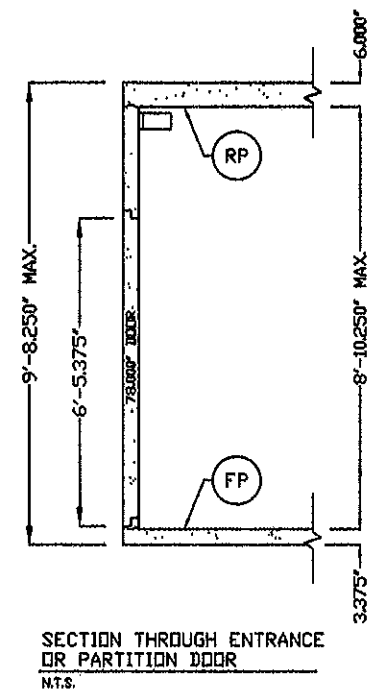
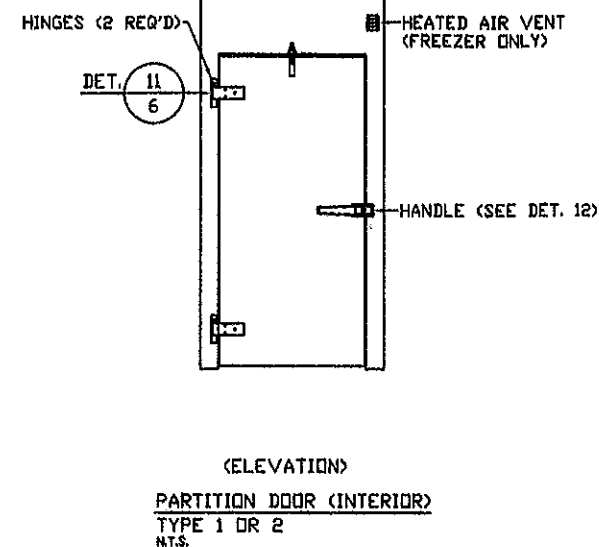
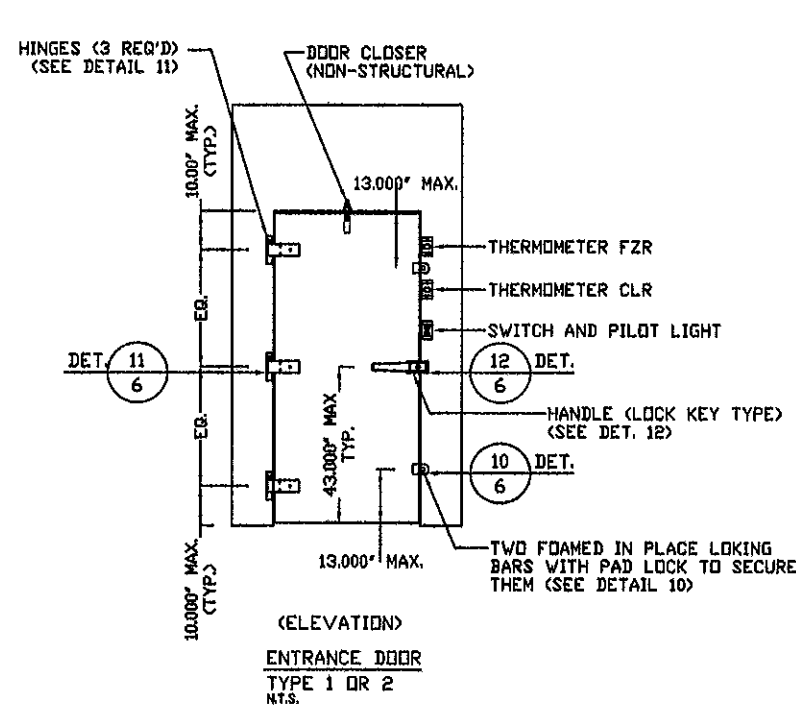
DATE: 2/4/2011

CUSTOMER: MANITOWOC FOOD SERVICE

PROJECT: FLORIDA HVHZ 2011

SCALE: N.T.S.

SHEET: 3 OF 6



PRODUCT REVISED
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By *Heather A. Miller*
Miami Dade Product Control

Alexis Spyrou, P.E.
Florida PE# 68101
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WINTER PARK, FL 32789
FDPE CERT. OF AUTHORIZATION NO. 89878

SYM	REVISION

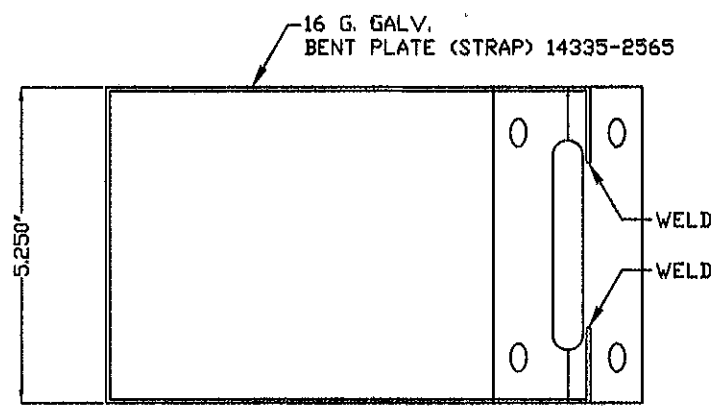
DRAWING NO. B211-317

Kolpak
2915 TENNESSEE AVENUE NORTH
P.O. BOX 550
PARSONS, TN. 38363
(731) 847-6361

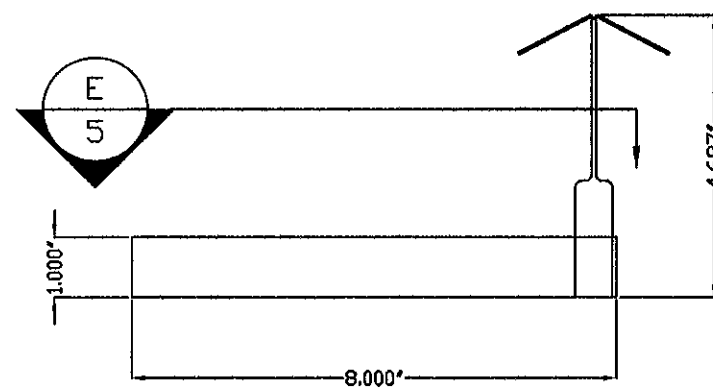
DRAWN: JTM CUSTOMER: MANITOWOC FOOD SERVICE

CHECKED: TGH PROJECT: FLORIDA HVHZ 2011

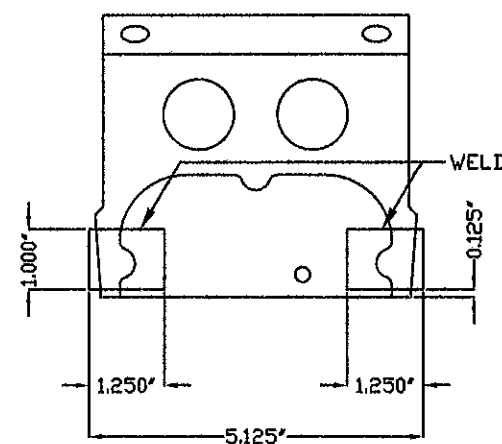
DATE: 2/4/2011 SCALE: N.T.S. SHEET: 4 OF 6



SECTION E
N.T.S.

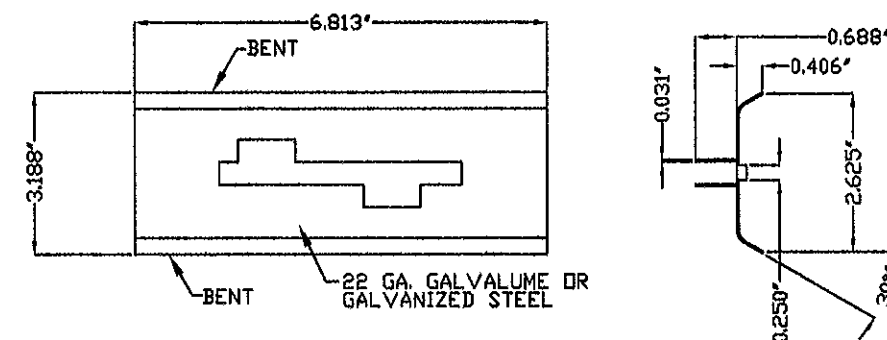


DETAIL 8-STRIKE (F) WITH STRAP
N.T.S.

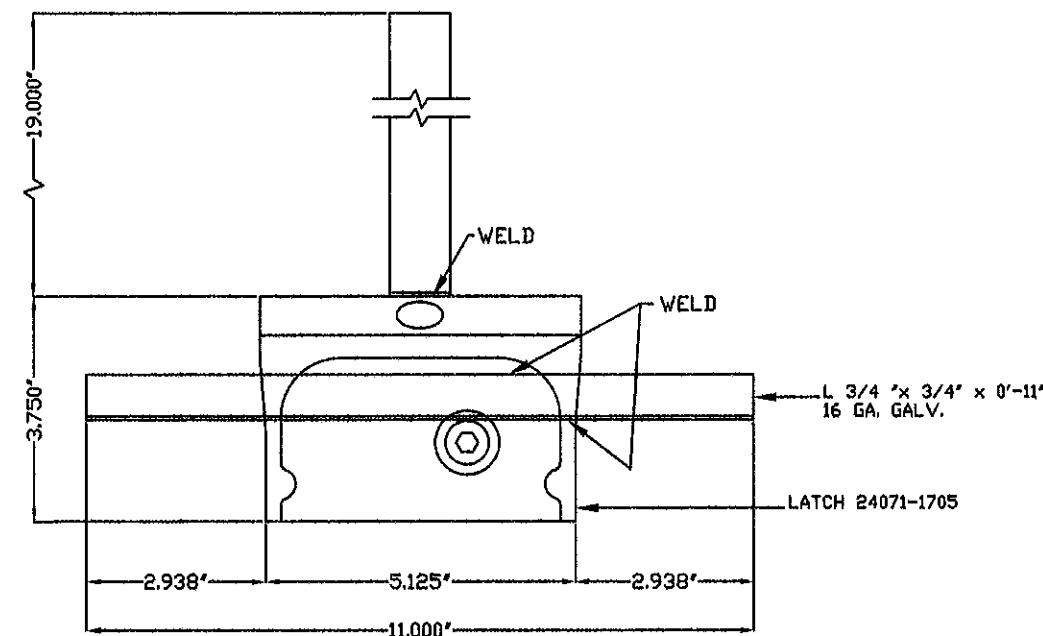


STRIKE #24074-1075
LONG - KASON 1189

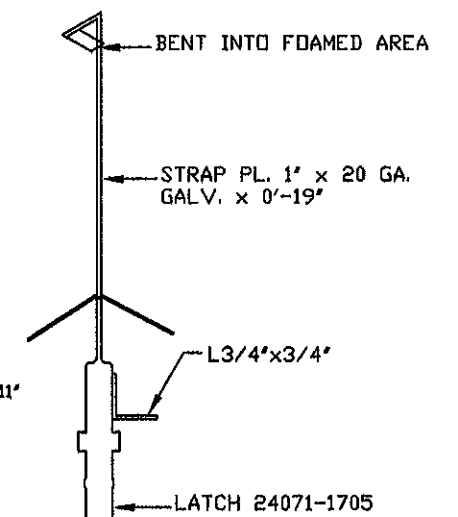
NOTE:
STRAP AND STRIKE MUST
BE SPRAYED WITH ADHESIVE.



DETAIL 7-JOINT STABILIZER BRACKET
N.T.S.



DETAIL 9-LATCH (M) WITH STRAP
N.T.S.



NOTE:
STRAP AND LATCH MUST
BE SPRAYED WITH ADHESIVE.

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FBPE CERT. OF AUTHORIZATION NO. 49876

		BY	
		BY	
		BY	
		BY	
		BY	
SYM	REVISION	BY	

DRAWING NO. B211-317



2915 TENNESSEE AVENUE NORTH
P.O. BOX 550
PARSONS, TN. 38363
(731) 847-6361

DRAWN: JTM

CHECKED: TGH

DATE: 2/4/2011

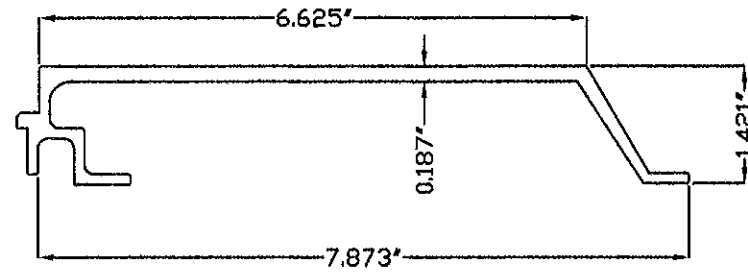
CUSTOMER: MANITOWOC FOOD SERVICE

PROJECT: FLORIDA HVHZ 2011

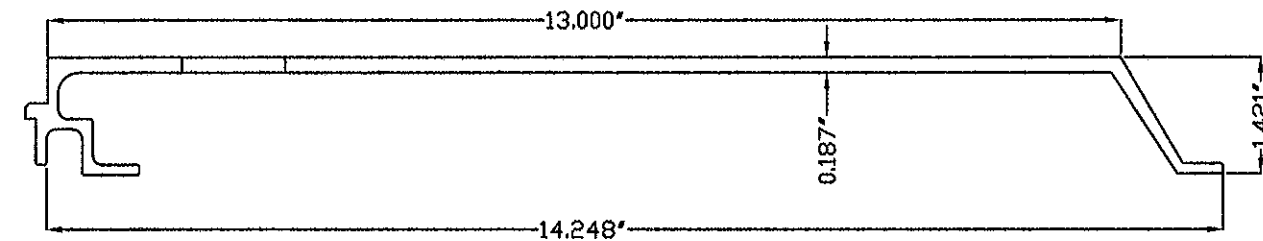
SCALE: N.T.S.

SHEET: 5 OF 6

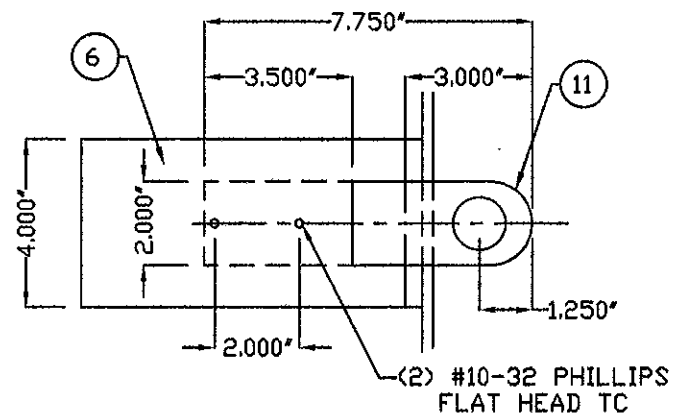
HARDWARE BILL OF MATERIALS			
ITEM	DESCRIPTION	MATERIAL	MANUFACTURER
6	EMBEDDED PLATE FOR HINGE & LOCKING BAR	6061-T6, AL.	KOLPAK
7	EMBEDDED PLATE FOR HANDLE	6061-T6, AL.	KOLPAK
8	WALL PANEL TAPPING PLATE	6061-T6, AL.	KOLPAK
9	DOOR PANEL FRP TRIM	FIBERGLASS	KOLPAK
10	WALL PANEL FRP TRIM	FIBERGLASS	KOLPAK
11	LOCK BAR ASSEMBLY INSTALLATION PLATE	6061-T6, AL.	KOLPAK



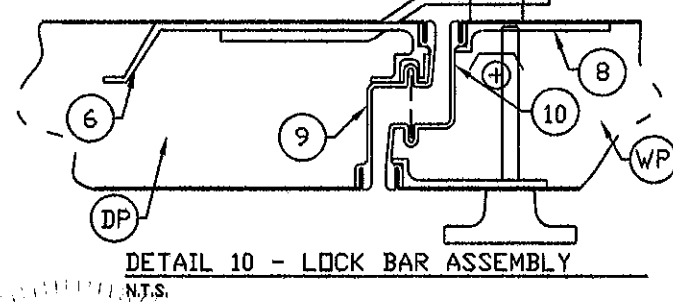
6 EMBEDDED PLATE FOR HINGE & LOCKING BAR
N.T.S.



7 EMBEDDED PLATE FOR HANDLE
N.T.S.



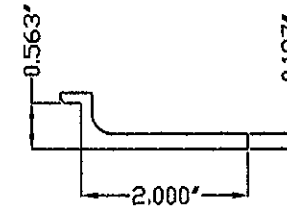
ELEVATION
N.T.S.



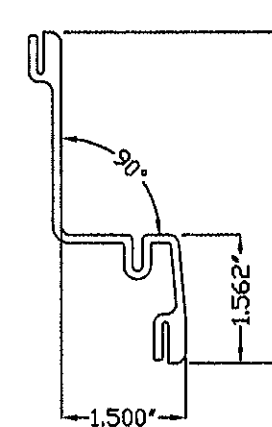
DETAIL 10 - LOCK BAR ASSEMBLY
N.T.S.

NOTES

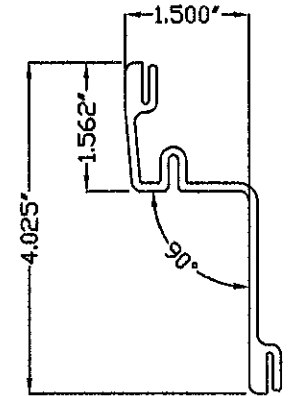
1. ALL DIMENSIONS ARE IN INCHES.
2. CORNERS AND FILLETS ARE 0.015" OR AS NOTED.
3. ALL THICKNESSES TO BE 0.125" OR AS NOTED.
4. REFER TO MANUFACTURER'S DRAWINGS FOR HANDLE MECHANISM.
5. THE MATERIAL USED IS TO BE 6061-T6 ALUMINUM ALLOY EXCEPT FOR ITEMS 9 & 10 WHERE FIBERGLASS PULTRUSION IS USED.



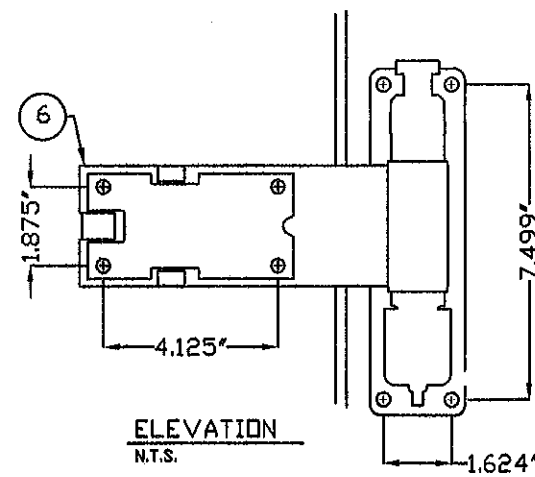
8 WALL PANEL TAPPING PLATE
N.T.S.



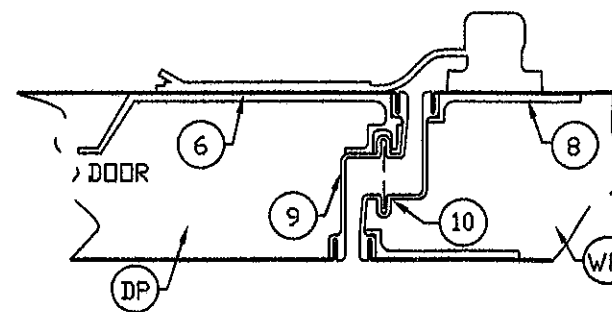
9 DOOR PANEL FRP TRIM
N.T.S.



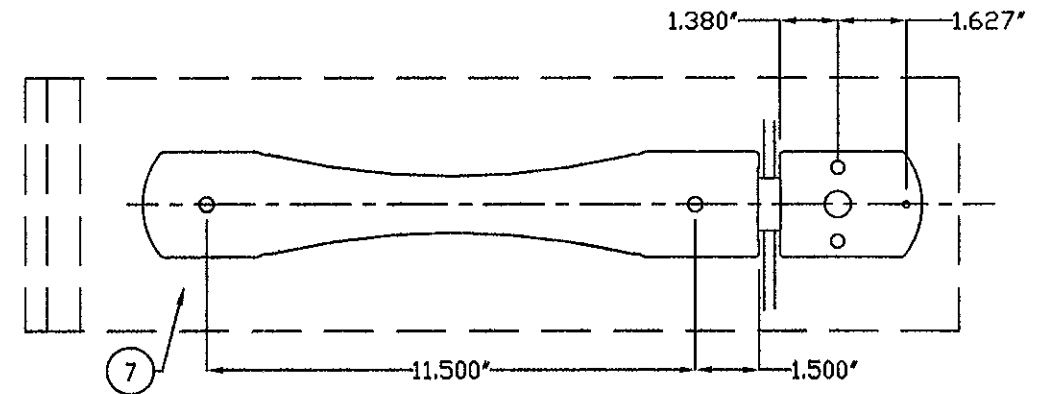
10 WALL PANEL FRP TRIM
N.T.S.



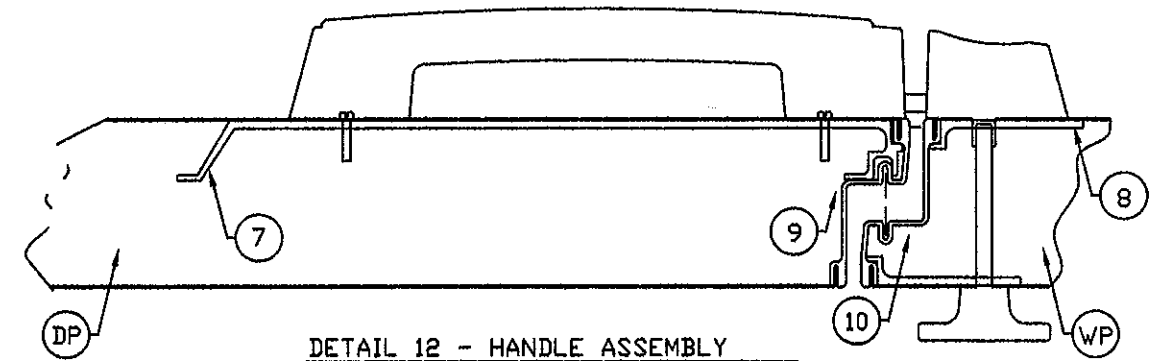
ELEVATION
N.T.S.



DETAIL 11 - HINGE ASSEMBLY
N.T.S.



ELEVATION
N.T.S.



DETAIL 12 - HANDLE ASSEMBLY
N.T.S.

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By *[Signature]*
Miami Dade Product Control

Alexis Spyrou, P.E.
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FBPE CERT. OF AUTHORIZATION NO. 88878

SYM	REVISION	BY
		BY
		BY
		BY
		BY
		BY

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SHEET: 6	OF: 6